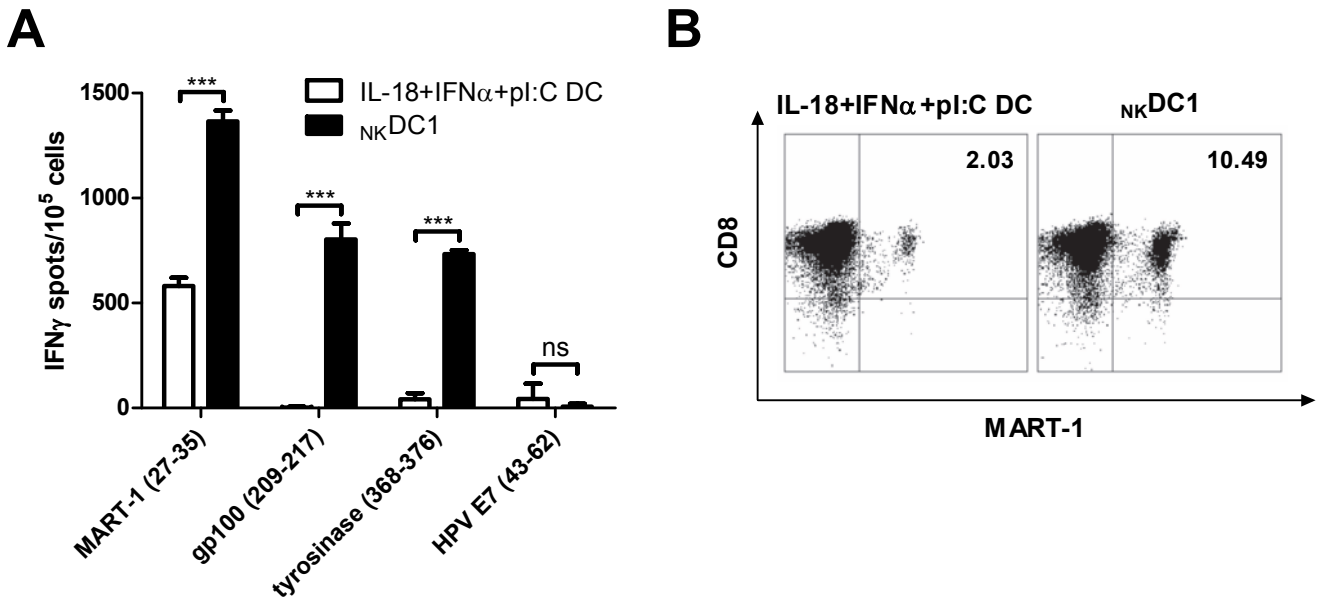

SUPPLEMENTAL FIGURE 3. NK cell requirement for the optimal induction of DC1s with a high capacity to induce melanoma-antigen-specific CTLs. IL-18/IFNα/poly-I:C-stimulated DCs in the absence or presence ($_{NK}$DC1s) of autologous NK cells from HLA-A2$^+$ stage III and stage IV melanoma patients were pulsed with HLA-A2-restricted melanoma-associated peptides and used to sensitize autologous CD8$^+$ T cells. CTLs were assayed on day 24 of culture. A, Frequencies of IFNγ-producing CD8$^+$ T cells responsive to T2 cells loaded with individual peptides, as determined by ELISPOT assay. Data recorded as the mean (± SD) of triplicate cultures. Data shown is from one representative experiment of three performed. ***p<0.001, *ns: p*>0.05. B, Flow cytometric analysis showing percentage of tetramer-positive MART-1-specific CD8$^+$ T cells generated through *in vitro* stimulation with melanoma peptide-pulsed, differentially-activated DCs. Inset numbers represent percent CD8$^+$MART-1$^+$ cells. Results from one representative experiment of three performed.

Supplemental Figure 3